Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	366	348/302.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/05 15:02
S2	337	S1 and (transfer$4 switch$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:14
S3	312	S1 and ((transfer$4 switch$3) same (hi high$2 low$2 off middle medium level$1 rating$1 rate$1 varie$1 vary$3 speed$1 variable period$1)) .	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:10
S4	283	S1 and ((transfer$4 switch$3) with (hi high$2 low$2 off middle medium level$1 rating$1 rate$1 varie$1 vary$3 speed$1 variable period$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:16
S5	218	S4 and (photodiode$1 photoelectric$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:14
S6	177	S4 and ((transfer$4 switch$3) same (photodiode$1 photoelectric$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:15
S7	196	S1 and ((transfer$4 switch$3) with (middle medium level$1 rang$3 varie$1 vary$3 speed$1 variable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:17
S8	112	S1 and ((transfer$4 switch$3) with (middle medium rang$3 varie$1 vary$3 speed$1 variable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:18
S9	158	S1 and ((transfer$4 switch$3) with (third middle medium rang$3 varie$1 vary$3 speed$1 variable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:17
S10	61	S1 and ((transfer$4 switch$3) with (middle medium rang$3 varie$1 vary$3 speed$1 variable) with (volt$4 signal$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:27
S11	24	S1 and ((transfer$4 switch$3) with (middle medium rang$3 varie$1 vary$3 speed$1 variable) with (volt$4 signal$1) with (tim$3 rat$3 period$1 predetermin$3 threshold$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:37

S12	362	S1 and (control$4 driv$3 register$3 scan$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:36
S13	55	S1 and ((control$4 driv$3 register$3 scan$4) with (middle medium rang$3 varie$1 vary$3 speed$1 variable) with (volt$4 signal$1) with (tim$3 rat$3 period$1 predetermin$3 threshold$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 17:37
S14	120	348/304.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 18:44
S15	106	348/307.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 18:54
S16	676	348/308.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 18:54
S18	526	S16 not (348/302,304,307.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/07/29 18:55
S20	10	("4349743").URPN.	USPAT	OR	OFF	2005/07/29 18:59
S21	9	("5694495").URPN.	USPAT	OR	OFF	2005/07/29 19:27
S22	66	KOIZUMI-TORU.in.	US-PGPUB; USPAT	OR	OFF	2005/07/29 19:30
S23	30	09/430,023 ("236350" "210545" "291006" "687945" "471082" "333748" "316947" "444675").ap.	US-PGPUB; USPAT	OR	OFF	2005/07/29 19:36
S24	5	US-6130712-$.DID. OR US-6118115-$.DID. OR US-6650369-$.DID. OR US-6657664-$.DID. OR US-6633334-$.DID.	USPAT	OR	OFF	2005/07/29 19:32
S26	2	US-6002287-$.DID.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/02 14:51
S27	16	("4835404" | "4879470" | "4910597" | "5019702" | "5162912" | "5182447" | "5184006" | "5233442" | "5262870" | "5311320" | "5331421" | "5397944" | "5451895" | "5539196" | "5693932" | "5714752").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 19:38
S28	10	("5434619" | "5493423" | "5793423" | "5898168" | "5933190" | "5962844" | "6097022" | "6115066" | "6166767" | "6344877").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/29 19:45
S29	10	("5434619" | "5493423" | "5793423" | "5898168" | "5933190" | "5962844" | "6097022" | "6115066" | "6166767" | "6344877").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 15:47
S30	676	348/308.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/01 16:28

S31	378	S30 and ((transfer$1 xfr$1 tx shutter) same (voltage$1 control$4 driv$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/01 16:30
S32	429	S30 and ((transfer$4 xfr$1 tx shutter) same (voltage$1 control$4 driv$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/01 16:30
S33	361	S30 and ((transfer$4 xfr$1 tx shutter) with (voltage$1 control$4 driv$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/01 16:31
S34	822	cannon-$.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 15:00
S35	393046	(((control$4 driv$3) near3 puls$3) ((on off) near2 state$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:37
S36	5	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 14:59
S37	604754	(((control$4 driv$3) with puls$3) ((on off) near2 state$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 14:58
S38	11	S34 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 15:01
S39	4383	transition$3 near puls$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 15:00
S40	8805	transition$3 near2 puls$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 15:00
S41	0	S34 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 15:00

S42	151658	sharp-$.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 15:00
S43	4351	S42 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 16:58
S44	3035	S42 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 15:01
S45	74	S44 and "348".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 15:02
S46	5	("5486711" | "5780884" | "5844234" | "5861645" | "5880494").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 15:27
S47	10	("6023293").URPN.	USPAT	OR	OFF	2005/08/02 15:07
S48	8	("5245203" | "5841159" | "5898209" | "5965875" | "6023293" | "6150683" | "6198147" | "6232626").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 15:17
S49	6	("6504196").URPN.	USPAT	OR	OFF	2005/08/02 17:53
S50	19	("4761384" | "5245203" | "5547879" | "5841159" | "5898209" | "5956593" | "5965875" | "5966599" | "6023293" | "6100125" | "6150683" | "6198139" | "6198147" | "6232626" | "6242313" | "6310366" | "6417023" | "6445014" | "6504196").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 15:19
S51	16	("5245203" | "5547879" | "5841159" | "5898209" | "5965875" | "6023293" | "6150683" | "6198139" | "6198147" | "6225670" | "6232626" | "6242313" | "6310366" | "6445014" | "6504196" | "6608338").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 15:21
S52	10	("5245203").URPN.	USPAT	OR	OFF	2005/08/02 15:23
S53	4	US-5818075-$.DID. OR US-5748340-$.DID. OR US-4031315-$.DID. OR US-5982428-$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 15:28
S54	5	US-5818075-$.DID. OR US-5748340-$.DID. OR US-4031315-$.DID. OR US-5982428-$.DID. "20020067416"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 15:46
S55	3	US-5742659-$.DID. OR US-5896172-$.DID. OR US-5969759-$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 15:47
S56	4	US-5436662-$.DID. OR US-4323925-$.DID. OR US-6337713-$.DID. OR US-5694165-$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 15:47
S57	22	S42 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:12
S58	3577	348/302,304,307-310.ccls. 250/208.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:40

S59	15	S58 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:38
S60	470952	(((control$4 clock$3 driv$3) near3 puls$3) ((on off) near2 state$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:39
S61	969	S58 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:39
S62	361433	((control$4 clock$3 driv$3) near3 puls$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:39
S63	969	S58 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:41
S64	1146	348/302,304,307-310.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:40
S65	786	S58 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:41
S66	421	S64 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/02 17:41
S67	1	"6801255".PN.	USPAT	OR	OFF	2005/08/04 16:25
S68	4	("20010030701" | "20020051229" | "5998779" | "6534757").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 17:54
S69	8	("4776031" | "4805025" | "4886986" | "5448306" | "5569390" | "5592222" | "5781312" | "6088057").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 17:57
S71	1	"929037".ap.	US-PGPUB	OR	OFF	2005/08/03 09:32
S73	5	"10333126" "10374604" "10374422"	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/04 10:48
S80	8	US-5233442-$.DID. OR US-5272548-$.DID. OR US-5317406-$.DID. OR US-5335094-$.DID. OR US-5914485-$.DID. OR US-4879470-$.DID. OR US-4967067-$.DID. OR US-4972243-$.DID.	USPAT; USOCR; JPO	OR	OFF	2005/08/04 11:00
S81	5	US-5875034-$.DID. OR US-6686958-$.DID. OR US-6121087-$.DID. OR US-6184516-$.DID. OR US-6025875-$.DID.	USPAT; USOCR; JPO	OR	OFF	2005/08/04 11:00

S82	1151	348/302,304,307-310.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/04 14:22
S83	286	S82 and (power near2 consumption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/04 14:22
S84	52	S83 and ((on off) near2 state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/04 14:22
S85	41	S84 and ((driv$3 control$4 puls$3 transfer$4) same ((on off) near2 state))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/04 14:22
S86	36	S85 and ((shutter$1 read$3 transfer$4) same ((on off) near2 state) on/off)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/04 18:29
S87	6	US-5278656-$.DID. OR US-5998818-$.DID. OR US-5856686-$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/04 14:43
S88	8	US-5920345-$.DID. OR US-6246043-$.DID. OR US-5920092-$.DID. OR US-5907356-$.DID. OR US-6650369-$.DID. OR US-6410899-$.DID. OR US-6670990-$.DID. "20010039701"	US-PGPUB; USPAT	OR	OFF	2005/08/04 14:47
S89	8	S88 AND (transfer$4 read$3 shutter$1)	US-PGPUB; USPAT	OR	OFF	2005/08/04 15:05
S90	16	("4751559" | "4810896" | "4814846" | "4866293" | "4962412" | "5283428" | "5453611" | "5539461" | "5698892" | "5723877" | "5780858" | "5801373" | "5869857" | "6043525" | "6064431" | "6414292").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/04 14:56
S91	3	S87 AND (transfer$4 read$3 shutter$1)	US-PGPUB; USPAT	OR	OFF	2005/08/04 15:06
S92	1	"4764814".PN.	USPAT	OR	OFF	2005/08/04 16:26
S93	1	S92 and multi$4	USPAT	OR	OFF	2005/08/04 16:33
S94	1	"6344877".pn.	USPAT	OR	OFF	2005/08/04 18:12
S95	15	("6344877").URPN.	USPAT	OR	OFF	2005/08/04 18:14
S96	2697	250/208.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/04 18:23
S97	2432	S96 not S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/08/04 18:46

S98	3583	S96 S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 18:46
S99	126	S98 and (voltage with speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 18:47
S100	2175	S98 and (transfer$4 shutter$1 (voltage with speed))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 18:47
S101	1986	S98 and (transfer$4 shutter$1 same (voltage with speed))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 18:48
S102	16	S98 and ((transfer$4 shutter$1) same (voltage with speed))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 18:48
S103	11	("3516085" | "4158809" | "4300163" | "4807038" | "4839729" | "5105276" | "5717457" | "5724094" | "5742047" | "5818898").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/04 19:15
S104	4	("5898168" "5877715").PN. "876694".ap.	USPAT; USOCR	OR	OFF	2005/08/04 19:15